

ABSTRACT OF THE DISCLOSURE**METHOD FOR PRESENTATION OF HTML IMAGE-MAP ELEMENTS IN NON
VISUAL WEB BROWSERS**

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A method, program and apparatus for rendering an image in an electronic document by means of a non-visual browser are provided. The invention comprises rendering an image area within a web page, wherein the image area is associated with a hypertext link to an image document which contains content for the image area. When the browser renders a requested web page containing the image area and/or receives a selection of the image area, it retrieves the header element of the image and non-visually renders the information contained within the header. This information might include a title and national language designation, as well as other information inserted into the header by the web author. Non-visual rendering may be audible or by means of tactile feedback. In addition, non-visual rendering methods may be used in conjunction with traditional visual rendering, depending on the needs of the user.

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